

PETG (Standard grade)

Key Features

Chemical resistance • Low shrinkage • Flame retardancy

Applications

Prototyping • End-use parts • Electronics • Consumer goods

Product Description

PETG (Polyethylene Terephthalate Glycol) is a widely used thermoplastic polymer with versatile applications. It offers a balanced combination of mechanical and optical properties, making it suitable for various uses. Utilizing low-shrinking technology, PETG allows for energy-efficient processing at low temperatures, minimizing distortion during production. Known for its transparency and durability, PETG is easy to print like PLA and exhibits mechanical properties even superior to ABS.

Properties

Tensile modulus	3,100 MPa
Tensile strength	61 MPa
Elongation at break	4%
Flexural strength	68 MPa
Flexural modulus	2,100 MPa
Melting temperature (20°C/min)	180 - 200°C
Vicat softening temperature	78°C
Density	1.29 g/cm ³
Flame retardancy	UL 94 V-2

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

